

WHAT IS CLAIMED IS:

1. A process for cleaning an inkjet printing head which has nozzle openings and ink channels which lead to them, in which electrical drive elements for ejecting ink out of the nozzle openings are located, in which the nozzle openings and the ink channels are forcibly flushed with a cleaning liquid, wherein the drive elements are triggered in an oscillating manner during the forced flushing with the cleaning liquid.

2. The process as claimed in claim 1, wherein some of the majority of drive elements present in the printing head are triggered at one time.

3. The process as claimed in claim 1, wherein all the drive elements present in the printing head are triggered at the same time.

4. The process as claimed in claim 1, wherein the drive elements are triggered phase-shifted.

5. The process as claimed in claim 1, wherein the flow of cleaning liquid in forced flushing is directed from the outside of the nozzle openings to the inside through the ink channels.

6. The process as claimed in claim 1, wherein the flow of cleaning liquid in forced flushing is directed from the inside through the ink channels through the nozzle openings to the outside.

7. The process as claimed in claim 1, wherein the flow direction of the cleaning liquid in forced flushing is reversed.

8. The process as claimed in claim 1, wherein the drive elements are triggered essentially with the operating frequency

and/or amplitude of the printing head in printing operation of an inkjet printer.

9. The process as claimed in claim 1, wherein the drive elements are triggered with a frequency from roughly 5 to 20 kHz.

10. The process as claimed in claim 1, wherein ink is used as the cleaning liquid.

11. The process as claimed in claim 1, wherein the electrical operating parameters of the drive elements are measured during triggering.

12. A device for cleaning an inkjet printer head, with a holding device for the printing head, connecting means for liquid-tight coupling of a detergent line to the nozzle openings of a printing head which has been inserted into the holding device, and a flushing device for delivering the cleaning liquid to the detergent line, wherein the holding device comprises electrical contact elements which are connected to an electrical trigger device and make contact with electrical operating terminals of the printing head which has been inserted into the holding device.

13. The device as claimed in claim 8, wherein the contact elements are connected to a signal generator.

14. The device as claimed in claim 8, wherein the contact elements are connected to a printer.

15. The device as claimed in claim 8, wherein the flushing device has a liquid pump.